

Abstract

The invention relates to the use of osmolytes, for example, ectoine, hydroxyectoine, firoin, firoin-A, diglycerol phosphate, cyclic diphosphoglycerate, 1,3-dimannosyl-di-myo-inositol-phosphate (DMIP) and/or diinositol phosphate and their equally effective derivatives and/or pharmacologically acceptable salts thereof, for the combating of pulmonary diseases caused by the effect of airborne particles and/or causally related cardiovascular diseases.

The invention further relates to a dosing device suitable for inhalable medicaments and filled with active agent, the atomizable content of which consisting of an active agent composition comprising at least one osmolyte or its derivatives and/or pharmacologically acceptable salts thereof.